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| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    | <b>Complete If Known</b> |                        |              |
|   |   |    | Application Number       | 10/734,098-Conf. #7992 |              |
|   |   |    | Filing Date              | December 11, 2003      |              |
|   |   |    | First Named Inventor     | Paul R. McHugh         |              |
|   |   |    | Art Unit                 | <del>1742</del> 1753   |              |
|   |   |    | Examiner Name            | H. D. Wilkins          |              |
| Sheet   | 1 | of | 1                        | Attorney Docket Number | 291958232US1 |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| /HW/                  |                       | US-20040134774  | 07-15-2004                     | Woodruff et al.                                    |   |
| /HW/                  |                       | US-20050034977-A1   | 02-17-2005                     | Hanson et al.                                      |   |
| /HW/                  |                       | US-20050145499-A1   | 07-07-2005                     | Kovarsky et al.                                    |   |
| /HW/                  |                       | US-4,428,814  | 01-31-1984                     | Chen   |   |
| /HW/                  |                       | US-4,488,884  | 08-21-1984                     | DUANE E. BACON                                     |   |
| /HW/                  |                       | US-4,868,575  | 09-19-1989                     | Mok et al.   |   |
| /HW/                  |                       | US-4,937,998  | <del>07-03-1993</del>          | Goldberg   | 7/1990  |
| /HW/                  |                       | US-6,004,440  | 12-21-1999                     | KYLE M. HANSON                                     |   |
| /HW/                  |                       | US-6,042,712  | 03-28-2000                     | GAETAN L. MATHIEU                                  |   |
| /HW/                  |                       | US-6,322,674  | 11-27-2001                     | ROBERT BERNER                                      |   |
| /HW/                  |                       | US-6,773,559  | <del>10-10-2002</del>          | Woodruff et al.                                    | 2/2004  |
| /HW/                  |                       | US-6,875,333  | 04-05-2005                     | Sakaki et al.                                      |   |

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| FOREIGN PATENT DOCUMENTS |                       |  |                                |  |   |
|--------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear |
|                          |                       |  |                                |  |   |

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| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
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| /HW/                            |                       | Tacken, R.A. et al., Applications of Magnetoelectrolysis, Journal of Applied Electrochemistry, 1995 (no month), Vol 25, pgs 1-5   |                |

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /Harry Wilkins/ | Date Considered | 08/28/2007 |
|--------------------|-----------------|-----------------|------------|



PTO/SB/08a/b (07-05)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete If Known

|                        |                        |
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| Examiner Name          | W. T. Leader           |
| Attorney Docket Number | 291958232US1           |

Sheet 1 of 2

### U.S. PATENT DOCUMENTS

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|-----------------------|-------------|---|--------------------------------|--|---|
| HW                    |             | US-2001-0052465-A1  | 07-01-2003                     | Dordi et al. 12/2001                               |   |
|                       |             | US-2002-0000380-A1  | 01-03-2002                     | Graham et al.                                      | 8   |
|                       |             | US-2002-0088708   | 07-11-2002                     | Yasuhiko Sakaki                                    |   |
|                       |             | US-2003-0038035-A1  | 02-27-2003                     | Wilson et al.                                      |   |
|                       |             | US-2003-0221953   | 12-04-2003                     | Thomas Oberltnr                                    |   |
|                       |             | US-2004-0007467-A1  | 01-15-2004                     | McHugh et al.                                      |   |
|                       |             | US-2004-0245094-A1  | 12-09-2004                     | McHugh et al.                                      |   |
|                       |             | US-2005-0000817-A1  | 01-06-2005                     | McHugh et al.                                      |   |
|                       |             | US-2005-0006241-A1  | 01-13-2005                     | McHugh et al.                                      |   |
|                       |             | US-3,852,442  | 03-28-1972                     | Powers et al.                                      |   |
|                       |             | US-5,284,554  | 02-08-1994                     | Datta et al.                                       |   |
|                       |             | US-5,312,532  | 05-17-1994                     | Andricacos et al.                                  |   |
|                       |             | US-5,344,491  | 09-06-1994                     | Katou  |   |
|                       |             | US-5,421,987  | 06-06-1995                     | Tzanavaras et al.                                  |   |
|                       |             | US-5,431,421  | 07-11-1995                     | Thompson et al.                                    |   |
|                       |             | US-5,476,577  | 12-19-1995                     | May et al.   |   |
|                       |             | US-5,486,282  | 01-23-1996                     | Datta et al.                                       |   |
|                       |             | US-5,516,412  | 05-14-1996                     | Andricacos et al.                                  |   |
|                       |             | US-5,536,388  | 07-16-1996                     | Dinan et al.                                       |   |
|                       |             | US-5,543,032  | 08-06-1996                     | Datta et al.                                       |   |
|                       |             | US-5,567,300  | 10-22-1996                     | Datta et al.                                       |   |
|                       |             | US-5,683,564  | 11-04-1997                     | Reynolds   |   |
|                       |             | US-5,865,984  | 02-02-1999                     | Corbin, Jr. et al.                                 |   |
|                       |             | US-5,925,226  | 07-20-1999                     | Hurwitt et al.                                     |   |
|                       |             | US-6,001,235  | 12-14-1999                     | Arken et al.                                       |   |
|                       |             | US-6,103,096  | 08-15-2000                     | Datta et al.                                       |   |
|                       |             | US-6,168,695  | 01-02-2001                     | Woodruff   |   |
|                       |             | US-6,181,057  | 01-30-2001                     | Inoue et al.                                       |   |
|                       |             | US-6,228,231  | 05-08-2001                     | Uzoh   |   |
|                       |             | US-6,251,250  | 06-26-2001                     | Keigler  |   |
|                       |             | US-6,379,511  | 04-30-2002                     | Fatula et al.                                      |   |
|                       |             | US-6,454,918  | 09-24-2002                     | Sakaki   |   |
|                       |             | US-6,482,300-A1   | 11-19-2002                     | Sakaki   |   |
|                       |             | US-6,547,937  | 04-15-2003                     | Oberltnr et al.                                    |   |
|                       |             | US-6,660,137-A1   | 12-09-2003                     | Wilson et al.                                      |   |
|                       |             | US-6,672,820  | 01-06-2004                     | Hanson   |   |
|                       |             | US-60/476,786   |                                | Davis et al.                                       |   |
|                       |             | US-60/476,881   |                                | Hanson   |   |
|                       |             | US-60/484,603   |                                | Wilson et al.                                      |   |
| HW                    |             | US-60/484,604   |                                | Wilson et al.                                      |   |

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|-----------------------|--|--------------------|--|
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